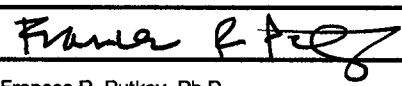


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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/923,515	
	Filing Date	08/07/2001	
	First Named Inventor	Rosanne M. Crooke	
	Art Unit		
	Examiner Name		
Total Number of Pages in This Submission	2	Attorney Docket Number	ISPH-0595

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Certificate of Correction
Remarks <input style="width: 100px;" type="text"/>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Isis Pharmaceuticals, Inc.		
Signature			
Printed name	Frances R. Putkey, Ph.D.		
Date	June 20 2007	Reg. No.	57,257

CERTIFICATE OF TRANSMISSION/MAILING			
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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. : 7,227,014

APPLICATION NO.: 09/923,515

ISSUE DATE : 06/05/2007

INVENTOR(S) : Rosanne M. Crooke and Mark J. Graham

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

1) Title Page:

Item [56], References Cited, OTHER PUBLICATIONS, "Frank" reference, please delete "residues" and insert therefor --resides--;

2) "Frank" reference, please delete "chomosome" and insert therefor --chromosome--;

3) Item [74], Attorney, Agent, or Firm, please insert --; Isis Pharmaceuticals, Inc. Patent Department--;

4) Column 90, Claim 14, line 1, please delete "oligonueotide" and insert therefor --oligonucleotide--;

5) Column 90, Claim 25, line 39, please delete "2'-dcoxynucleotides" and insert therefor --2'-deoxynucleotides--.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Isis Pharmaceuticals, Inc.  
1896 Rutherford Rd.  
Carlsbad, CA 92008

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